

Converting Colors

$Yxy(44.4221, 0.3407, 0.3638)$

Have a look what the booklet for
Yxy(44.4221, 0.3407, 0.3638)
contains.

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Color

Yxy(44.4221, 0.3407, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	B9B298
RGB	185, 178, 152
RGB Percent	73%, 70%, 60%
CMY	0.2744, 0.3020, 0.4040
CMYK	0.00, 0.04, 0.18, 0.27
HSL	47°, 19%, 66%
HSV	47°, 18%, 73%
XYZ	41.6015, 44.4221, 36.0823
YIQ	177.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

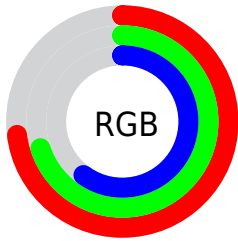
Format	Color
RYB	161, 185, 152
Decimal	12169880
CIELab	72.51, -1.88, 14.20
CIElCh	73, 14.325, 97.533
Yxy	44.4221, 0.3407, 0.3638
Android (android.graphics.Color)	4290359960 (0xFFB9B298)
YUV	177.1290, -12.3886, 6.9029
Hunter-Lab	66.6499, -5.2214, 14.5571

Details

The Yxy color **44.4221, 0.3407, 0.3638** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9867, 0.2843, 0.2916**, and the grayscale version is **44.1021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0026, 0.3355, 0.3581**, and **20.5124, 0.3493, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **42.3173, 0.3578, 0.3840**, and if you desaturate by 10%, it is **46.6705, 0.3246, 0.3440**.

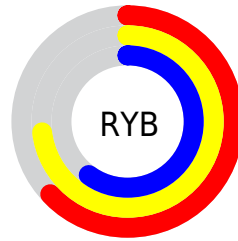
Distribution



Red (73%)

Green (70%)

Blue (60%)



Red (63%)

Yellow (73%)

Blue (60%)

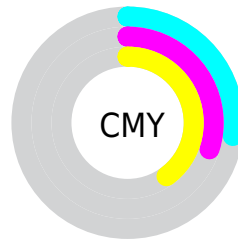


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (30%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4221, 0.3407, 0.3638 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 44.4221, 0.3407, 0.3638 by changing the saturation by 10% instead.

 44.4221, 0.3407,
0.3638

 44.4221, 0.3407,
0.3638


364.4280, 0.3267,
0.3462

 31.0025, 0.3442,
0.3682


 81.8525, 0.3356,
0.3574

 20.6007, 0.3487,
0.3740


 106.6321, 0.3337,
0.3550

 12.8325, 0.3547,
0.3817


135.9672, 0.3320,
0.3529

 7.3133, 0.3630,
0.3924

170.2421, 0.3307,
0.3512

 3.6588, 0.3753,
0.4086

209.8412, 0.3295,
0.3497

 1.4846, 0.4026,
0.4436

255.1490, 0.3284,

 0.2778, 0.4399,

0.3484

0.5601

306.5498, 0.3275,
0.3472

0.0000, 0.0000,
0.0000

44.4221, 0.3407,
0.3638

44.4221, 0.3407,
0.3638

42.3173, 0.3578,
0.3840

46.6705, 0.3246,
0.3440

40.3456, 0.3755,
0.4040

49.0612, 0.3096,
0.3250

38.5037, 0.3934,
0.4229

51.6003, 0.2959,
0.3071

36.7861, 0.4107,
0.4399

54.2917, 0.2835,
0.2905

35.1868, 0.4268,
0.4539

57.1394, 0.2722,
0.2751

■ 33.6990, 0.4409,
0.4639

■ 59.6200, 0.2666,
0.2689

■ 32.3146, 0.4523,
0.4695

■ 61.4905, 0.2670,
0.2735

■ 31.0218, 0.4610,
0.4707

■ 63.4087, 0.2675,
0.2781

■ 30.7529, 0.4628,
0.4707

■ 65.3748, 0.2680,
0.2826

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.4221, 0.3516, 0.3544



44.4221, 0.3407, 0.3638



44.4221, 0.3224, 0.3636

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.4221, 0.3407, 0.3638



44.4221, 0.2752, 0.3170



44.4221, 0.3227, 0.3065

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.4221, 0.3407, 0.3638



34.9867, 0.2843, 0.2916

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.4221, 0.3020, 0.2969



44.4221, 0.3407, 0.3638



44.4221, 0.2752, 0.3023

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.4221, 0.3407, 0.3638



44.4221, 0.2849, 0.3358



44.4221, 0.2848, 0.2953



44.4221, 0.3411, 0.3216

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.4221, 0.3407, 0.3638



44.4221, 0.3087, 0.3577



44.4221, 0.2848, 0.2953



44.4221, 0.3157, 0.3025

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.4241, 0.3407, 0.3638



84.7110, 0.3203, 0.3386



35.2805, 0.3395, 0.3193



18.1987, 0.3214, 0.3400



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.4241, 0.3407, 0.3638



78.1851, 0.3466, 0.3708



46.1728, 0.3308, 0.3739



10.1696, 0.3269, 0.3469



21.0393, 0.4621, 0.4713



0.8241, 0.4491, 0.4816

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.9867, 0.2843, 0.2916



58.4901, 0.2783, 0.2834



33.5712, 0.2923, 0.2824



9.0215, 0.2984, 0.3105



3.4814, 0.1566, 0.0837



0.2139, 0.1701, 0.1322

Previews

White Background



This preview shows how the Yxy color 44.4221, 0.3407, 0.3638 looks on a white background.

Color Contrast Check

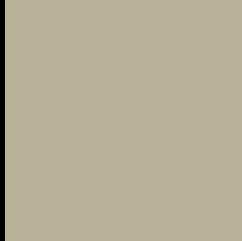
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 44.4221, 0.3407, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

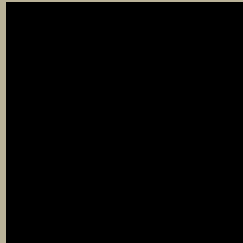
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

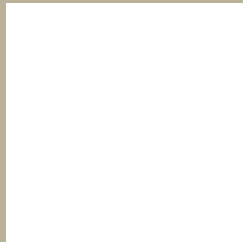
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4221, 0.3407, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 44.4221, 0.3407, 0.3638.



This preview shows how white text looks on a background with the Yxy color 44.4221, 0.3407, 0.3638.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.4221, 0.3407, 0.3638

Protanopia

44.2761, 0.3427, 0.3623

Deuteranopia

44.2631, 0.3595, 0.3519



Tritanopia

44.4221, 0.3162, 0.3111

Trichromacy



Original Color

44.4221, 0.3407, 0.3638

Protanomaly

44.1504, 0.3418, 0.3624

Deuteranomaly

44.4423, 0.3520, 0.3562

Tritanomaly

44.4073, 0.3251, 0.3303

Monochromacy



Original Color

44.4221, 0.3407, 0.3638

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9747, 0.3228, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4221, 0.3407, 0.3638 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 178, 152)` looks like.

```
.text, #text, p{  
    color:rgb(185, 178, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 178, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 178, 152) }
```

Border

The CSS property to change the border of an element to Yxy 44.4221, 0.3407, 0.3638 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 178, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 178, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 178, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 178, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 178, 152);  
box-shadow:4px 4px 4px 4px rgb(185, 178,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4221, 0.3407, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 178, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
178, 152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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